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July 24, 1991

TO: Holland Shepherd, Reclamation Specialist, Permit Lead,  
Reclamation Nemesis, Big Holl, Mister Triathlete

FROM: Tony Gallegos, Reclamation Engineer

RE: Review of Additional Data, Continental Lime Inc., Cricket  
Mountain Plant, M/027/006, Millard County, Utah

-Disturbed areas on the maps need to be checked by DOGM. <sup>TONY WILL DO THIS.</sup> Area boundaries are unclear, i.e. where does the plant border end and the road border begin. Which roads are included in which acreage figures, if any? Which road(s) will remain after mining ceases.

✓-Acreages need to be broken down for estimating a new reclamation surety, i.e. roads, benches, floors, unreclaimed pit areas, etc. No reclamation treatments map(s) was provided.

✓-Acreage for the limestone reject stockpile (23.1 acres) was not included in the acreage summary. This would bring the new total to 153.5 acres of disturbance.

✓-No description of the waste material which is stripped off and placed in the two dump locations was given. Size? % fines? End dumped? (Covering -1" material with 6" of topsoil produces better results than covering -12" material with 6" of topsoil.

✓-No estimate of the amount of salvageable topsoil was given. No topsoil stockpile location was shown on a map (verbal description only - "conveniently located near the south waste dump"). No estimate of the disturbed area associated with the topsoil stockpile was given.

✓-In the description of reclamation of the dumps, "if topsoil did not sufficiently cover the site ... limestone fines will be placed on the dump surfaces." Define "sufficiently. (6")? Straw mulch is to be tilled into the cover material. How is this to be done on the slopes if they are at 35 degrees (approximately angle of repose)?

✓-Majority of reclamation practices are described by referring back to the "Plan M/027/006-89 dated Aug. 4, 1989." The closest amendment/revision to this from Continental Lime is dated 4/3/89. The Division sent a review letter dated Aug. 4, 1989 describing variances, stipulations, reclamation practices, etc., which was eventually accepted/agreed upon by Continental. Is this the "Plan"? <sup>REVIEW LETTER</sup>